

ITEM DESCRIPTION	YEAR	NATION	MALE	FEMALE	WHITE	BLACK	HISPANIC
Understand probability	1996	83.8(1.2)	85.0(1.4)	82.6(1.7)	87.6(1.1)	71.5(3.6)	78.9(2.6)
	1994	85.5(0.9)	87.2(1.1)	83.8(1.4)	88.8(0.9)	73.5(2.7)	83.1(2.7)
	1992	85.4(0.9)	85.3(1.1)	85.5(1.2)	89.4(1.0)	70.8(2.8)	80.7(2.6)
	1990	81.9(1.0)	83.2(1.5)	80.6(1.5)	86.1(0.9)	68.4(3.6)	78.1(3.1)
	1986	81.7(1.1)	81.3(1.4)	82.0(1.5)	85.3(1.2)	66.7(3.9)	72.8(3.9)
	1982	86.2(1.3)	87.4(1.6)	84.9(1.3)	90.0(1.0)	68.0(4.5)	76.7(6.6)
	1978	83.5(1.3)	83.3(1.6)	83.7(1.6)	87.1(1.3)	63.3(2.9)	80.3(3.2)
Read data from table	1996	94.2(0.7)	93.7(0.9)	94.6(1.0)	95.6(0.8)	90.1(2.4)	90.5(2.6)
	1994	96.0(0.6)	95.5(0.9)	96.5(0.8)	96.5(0.5)	94.1(1.9)	94.8(1.8)
	1992	95.4(0.4)	95.5(0.9)	95.2(0.8)	96.0(0.4)	92.7(1.7)	93.4(1.7)
	1990	95.3(0.5)	94.9(0.8)	95.9(0.5)	96.1(0.7)	94.2(1.6)	92.0(2.0)
	1986	94.9(0.5)	94.1(0.6)	95.8(0.7)	95.3(0.6)	92.5(1.1)	94.9(1.4)
	1982	92.6(0.5)	91.9(1.1)	93.2(0.8)	93.4(0.5)	85.1(2.1)	97.8(0.9)
	1978	91.8(0.8)	90.5(1.2)	93.1(1.0)	93.0(0.8)	85.8(3.1)	89.8(3.8)
Interpret data in table	1996	82.6(0.9)	84.2(1.3)	81.2(1.4)	87.3(1.0)	70.6(2.9)	69.8(2.6)
	1994	84.3(1.0)	84.9(1.0)	83.6(1.6)	87.1(0.8)	72.5(2.8)	74.4(2.6)
	1992	83.9(0.9)	83.8(1.3)	83.9(1.1)	87.6(0.9)	75.8(2.4)	69.1(3.8)
	1990	79.5(1.3)	79.1(1.8)	80.0(1.5)	84.3(1.2)	68.2(4.6)	61.1(4.4)
	1986	80.4(1.2)	80.9(1.9)	79.9(1.3)	84.7(1.0)	66.9(3.9)	60.7(3.5)
	1982	76.2(1.6)	74.7(2.5)	77.7(1.9)	79.9(1.5)	59.5(4.4)	65.7(4.7)
	1978	67.4(1.5)	66.4(1.7)	68.5(2.2)	72.6(1.3)	45.3(2.8)	48.5(8.7)
Compute using data in table	1996	91.3(0.8)	89.0(1.2)	93.4(0.8)	93.0(0.7)	88.0(2.7)	84.7(2.2)
	1994	92.7(0.9)	91.4(1.1)	94.1(1.1)	92.8(0.9)	90.9(2.7)	93.0(1.9)
	1992	92.2(0.5)	91.9(0.8)	92.5(0.7)	93.5(0.6)	89.2(1.7)	89.0(1.7)
	1990	92.3(0.7)	91.4(0.9)	93.2(1.1)	93.0(0.9)	91.0(1.6)	89.6(3.2)
	1986	91.3(0.6)	90.0(1.1)	92.5(1.3)	91.6(0.7)	88.8(2.1)	94.5(1.6)
	1982	92.4(0.9)	92.0(1.1)	92.7(0.9)	94.1(0.9)	83.1(1.9)	89.9(1.6)
	1978	87.0(1.0)	86.1(1.2)	87.9(1.3)	89.5(0.9)	74.5(2.9)	79.7(3.5)
Read data in bar graph	1996	89.2(0.6)	86.6(1.2)	91.5(0.8)	89.7(0.8)	86.2(1.9)	89.3(2.1)
	1994	91.3(0.8)	91.2(1.0)	91.5(1.0)	92.1(0.8)	86.7(2.0)	90.3(2.3)
	1992	90.3(0.9)	88.9(1.4)	91.7(0.9)	91.7(0.9)	82.9(2.4)	92.6(2.3)
	1990	89.9(0.7)	86.7(1.3)	93.0(0.8)	90.8(0.7)	87.9(2.8)	82.9(3.3)
	1986	89.6(0.7)	89.0(1.0)	90.2(1.4)	90.1(0.8)	87.7(1.6)	86.8(3.0)
	1982	88.0(0.6)	86.5(0.9)	89.4(1.0)	89.5(0.7)	81.8(2.0)	81.3(2.6)
	1978	85.5(0.9)	83.7(1.4)	87.4(1.3)	87.6(0.8)	74.5(1.9)	80.8(5.0)
Interpret data in bar graph	1996	76.7(1.6)	80.9(1.8)	72.7(2.1)	82.4(1.5)	58.7(3.9)	59.6(4.1)
	1994	76.1(1.5)	75.6(2.6)	76.4(1.6)	82.2(1.0)	59.1(5.4)	59.6(4.0)
	1992	75.4(1.0)	75.1(1.7)	75.8(1.6)	81.2(1.1)	54.8(2.9)	60.8(3.7)
	1990	70.9(1.3)	73.1(1.4)	68.8(2.0)	76.2(1.3)	52.7(4.2)	53.5(6.1)
	1986	69.2(1.7)	71.5(2.2)	67.0(1.9)	73.1(1.7)	54.1(4.2)	55.4(5.3)
	1982	62.4(1.7)	62.6(2.2)	62.1(2.7)	67.6(1.9)	38.6(2.8)	48.9(4.7)
	1978	53.5(1.8)	55.8(2.1)	51.1(1.9)	59.7(1.6)	29.1(1.8)	22.8(5.6)

(***) STANDARD ERROR ESTIMATE IS GREATER THAN 9.9

ITEM DESCRIPTION	YEAR	NATION	MALE	FEMALE	WHITE	BLACK	HISPANIC
Compute with data in bar graph	1996	91.0(0.9)	90.4(1.1)	91.5(1.0)	93.5(0.8)	81.7(2.6)	83.3(2.4)
	1994	92.0(1.0)	91.4(1.0)	92.5(1.4)	94.4(0.8)	86.5(3.8)	83.9(2.6)
	1992	90.9(0.8)	90.3(1.0)	91.4(1.0)	92.8(0.8)	83.0(2.8)	90.2(2.9)
	1990	90.9(0.8)	88.5(1.2)	93.2(0.8)	92.4(0.8)	87.0(2.4)	84.8(2.5)
	1986	88.8(0.8)	86.9(1.2)	90.7(1.1)	91.4(0.8)	82.4(2.7)	71.0(5.9)
	1982	85.7(1.0)	86.0(1.8)	85.3(1.4)	88.5(1.1)	71.4(3.9)	79.5(6.1)
	1978	80.5(1.2)	79.6(1.3)	81.3(1.6)	84.0(1.4)	63.7(4.4)	69.4(6.6)
Find perimeter of rectangle	1996	47.9(1.5)	53.6(1.8)	42.6(2.4)	52.4(1.9)	31.7(3.8)	45.0(3.2)
	1994	51.7(1.5)	54.2(1.8)	49.2(1.7)	56.3(1.8)	28.7(2.1)	43.4(4.0)
	1992	45.2(1.4)	46.8(1.8)	43.8(2.0)	49.7(1.7)	30.7(2.7)	33.6(3.7)
	1990	43.2(1.3)	45.2(1.7)	41.1(1.7)	46.5(1.5)	31.7(3.2)	32.0(2.4)
	1986	39.0(2.6)	42.3(3.1)	35.8(2.7)	43.2(3.2)	20.7(2.4)	29.6(5.1)
	1982	38.8(2.0)	41.0(3.0)	36.5(1.9)	42.1(2.4)	22.2(3.6)	26.5(4.6)
Find perimeter of rectangle	1996	59.8(1.3)	63.5(1.6)	56.4(1.8)	61.3(1.6)	51.7(3.2)	55.6(4.2)
	1994	60.3(1.8)	65.1(2.2)	55.7(2.9)	64.6(2.1)	44.6(4.2)	50.6(4.2)
	1992	61.4(1.3)	64.6(1.9)	57.9(1.8)	63.4(1.5)	51.6(2.7)	57.9(5.6)
	1990	54.4(1.8)	59.1(2.0)	50.0(2.3)	56.7(2.0)	41.5(4.0)	52.2(4.5)
	1986	52.6(2.7)	56.3(2.4)	49.0(3.5)	55.3(3.2)	41.6(3.1)	40.1(6.5)
	1982	50.5(1.7)	54.6(1.9)	46.1(2.4)	54.4(1.9)	32.4(4.0)	38.9(3.8)
Use ruler to measure length	1996	60.4(1.7)	65.7(2.0)	55.4(2.1)	68.0(1.9)	31.7(3.0)	38.8(3.1)
	1994	58.4(2.0)	66.7(2.4)	50.5(2.7)	66.6(1.9)	25.5(3.7)	48.2(2.7)
	1992	58.1(1.3)	62.1(1.6)	53.8(2.0)	67.1(1.4)	21.4(2.6)	45.3(4.6)
	1990	54.9(1.6)	61.9(1.6)	48.2(2.3)	62.5(1.5)	22.4(3.0)	39.6(4.0)
	1986	55.1(2.6)	60.5(2.6)	49.6(3.1)	60.7(2.6)	27.9(3.1)	45.8(6.5)
	1982	61.0(1.7)	66.9(2.1)	55.2(2.2)	66.6(1.8)	34.2(3.9)	46.0(7.4)
Apply triangle inequality	1996	72.0(1.2)	73.2(1.7)	70.9(1.4)	73.1(1.4)	69.5(2.7)	67.4(2.9)
	1994	73.1(1.0)	75.6(1.6)	70.6(1.2)	75.5(1.2)	63.1(4.0)	69.8(5.0)
	1992	72.1(1.0)	73.6(1.4)	70.7(1.6)	72.8(1.3)	70.8(2.6)	67.8(4.0)
	1990	71.5(1.1)	74.7(1.6)	68.2(1.5)	72.1(1.4)	69.6(3.0)	68.0(3.7)
	1986	69.1(1.7)	70.2(2.7)	68.0(3.6)	70.6(1.9)	61.1(3.5)	68.4(3.8)
	1982	71.7(1.5)	74.0(2.3)	69.4(2.3)	73.1(1.5)	63.3(3.8)	70.9(4.7)
	1978	64.3(1.2)	65.6(1.5)	63.1(1.8)	65.6(1.4)	58.5(3.9)	56.2(6.1)
Identify a sphere	1996	73.6(1.6)	76.7(1.9)	70.6(2.1)	79.7(1.4)	56.5(3.6)	57.0(4.7)
	1994	70.2(2.0)	73.2(2.3)	67.6(2.8)	74.7(1.8)	57.3(7.3)	54.3(5.1)
	1992	73.8(1.6)	77.5(1.7)	70.1(2.2)	77.8(1.6)	55.4(4.1)	67.6(5.3)
	1990	74.2(1.8)	75.9(2.2)	72.7(1.9)	78.6(1.9)	59.1(4.1)	61.8(4.1)
	1986	73.1(1.5)	74.1(1.8)	72.0(2.0)	76.1(1.6)	59.1(4.7)	65.3(4.7)
	1982	71.3(2.1)	70.9(2.1)	71.6(2.5)	76.1(2.1)	49.1(3.3)	55.8(3.7)
	1978	63.6(2.0)	62.1(2.1)	65.0(2.5)	69.0(2.0)	38.8(3.4)	44.5(6.9)

(***) STANDARD ERROR ESTIMATE IS GREATER THAN 9.9

ITEM DESCRIPTION	YEAR	NATION	MALE	FEMALE	WHITE	BLACK	HISPANIC
Identify parallel lines	1996	93.3(1.0)	93.2(1.0)	93.4(1.7)	95.4(1.3)	87.1(2.3)	84.3(2.2)
	1994	93.3(0.8)	93.1(1.2)	93.4(0.7)	94.9(0.7)	88.6(3.1)	87.9(1.9)
	1992	94.0(0.7)	93.7(1.0)	94.3(0.6)	95.6(0.6)	89.1(2.3)	88.8(2.6)
	1990	93.0(0.7)	92.8(0.7)	93.2(1.0)	94.9(0.7)	86.0(2.0)	90.1(1.8)
	1986	93.4(0.7)	92.0(0.9)	94.8(0.9)	95.1(0.6)	88.5(2.2)	85.8(4.7)
	1982	91.4(0.9)	90.7(1.5)	92.0(0.9)	94.1(1.1)	76.9(2.5)	87.9(1.2)
	1978	89.6(1.0)	91.1(1.1)	88.4(1.3)	92.6(1.0)	73.2(3.4)	84.3(2.6)
	Identify perpendicular lines	1996	37.1(2.2)	38.1(2.6)	36.2(2.8)	37.9(2.5)	32.5(3.5)
1994		38.9(1.9)	41.5(2.4)	36.5(2.3)	42.5(2.6)	25.6(2.2)	29.6(4.9)
1992		37.4(1.7)	35.9(2.1)	39.0(2.3)	39.9(1.9)	28.3(2.1)	30.2(4.1)
1990		35.2(1.7)	34.6(1.7)	35.8(2.3)	38.7(2.0)	21.2(2.6)	25.9(5.5)
1986		37.9(1.9)	36.3(1.6)	39.5(3.2)	40.2(2.1)	30.0(3.0)	27.1(4.2)
1982		37.9(1.6)	37.1(2.0)	38.7(2.6)	40.9(1.9)	25.5(2.4)	20.2(4.6)
1978		33.2(1.9)	32.6(2.1)	33.8(2.4)	35.8(2.2)	23.6(3.2)	18.3(4.0)
Add monomials		1996	38.8(2.6)	36.7(2.9)	40.8(2.8)	41.9(3.1)	25.3(3.5)
	1994	31.5(2.0)	29.5(2.4)	33.2(2.0)	34.7(2.4)	20.2(3.8)	21.9(2.8)
	1992	29.3(2.2)	26.9(2.8)	31.8(2.2)	31.5(2.6)	17.9(4.4)	28.0(3.4)
	1990	27.5(1.9)	25.4(2.0)	29.6(2.1)	30.5(2.3)	16.4(2.4)	15.7(2.3)
	1986	24.7(3.5)	23.3(2.6)	26.0(4.6)	26.6(4.2)	16.8(2.4)	15.3(2.7)
	1982	27.4(1.3)	24.7(1.8)	30.2(2.4)	30.8(1.6)	10.9(1.6)	14.1(3.6)
	1978	25.1(1.4)	23.8(1.7)	26.5(1.7)	28.1(1.6)	12.2(2.4)	12.8(3.9)
	Evaluate algebraic expression	1996	85.6(1.1)	83.6(1.4)	87.4(1.5)	89.2(1.2)	75.9(3.5)
1994		84.1(1.2)	84.0(1.5)	84.3(1.4)	88.0(1.1)	68.3(4.0)	75.9(4.7)
1992		80.9(1.2)	80.0(1.4)	81.7(1.6)	83.9(1.2)	74.4(2.8)	66.9(2.9)
1990		79.0(1.4)	79.1(1.9)	79.0(1.7)	83.4(1.2)	68.3(3.7)	62.7(4.9)
1986		80.8(1.2)	79.5(1.5)	82.1(1.7)	83.8(1.3)	67.5(3.5)	75.5(3.1)
1982		78.8(1.9)	76.7(2.6)	80.8(1.9)	83.4(2.2)	56.5(3.5)	66.6(2.7)
1978		69.5(1.9)	64.9(2.1)	74.0(2.5)	74.7(1.6)	49.6(3.8)	42.6(5.6)
Apply transitive property		1996	55.3(1.6)	56.9(2.1)	53.9(2.1)	61.0(1.6)	39.2(3.6)
	1994	52.3(1.7)	53.9(1.9)	50.8(2.7)	56.9(1.5)	38.5(8.4)	36.3(4.3)
	1992	51.5(1.8)	51.5(2.0)	51.4(2.1)	55.9(1.9)	32.9(3.7)	36.9(5.6)
	1990	49.1(1.5)	51.5(1.8)	46.9(2.0)	52.9(1.7)	34.8(3.1)	40.4(3.7)
	1986	43.3(1.3)	43.9(1.8)	42.7(1.7)	46.2(1.6)	29.1(2.5)	33.8(4.2)
	1982	54.6(1.7)	56.1(1.8)	53.0(2.1)	57.4(1.9)	41.4(3.1)	38.7(4.9)
	1978	57.3(1.4)	59.5(1.8)	54.8(1.9)	60.5(1.6)	41.4(3.6)	48.3(3.1)
	Identify number line property	1996	50.2(2.0)	49.7(2.2)	50.8(2.4)	54.8(2.2)	33.0(2.8)
1994		51.3(1.8)	51.8(2.2)	50.8(2.9)	56.5(1.9)	35.5(7.2)	33.8(4.1)
1992		50.6(1.5)	49.2(1.8)	51.9(2.1)	55.0(1.8)	31.7(3.2)	38.8(3.7)
1990		46.3(1.7)	45.9(1.8)	46.6(2.5)	49.8(1.8)	30.6(4.0)	37.3(5.4)
1986		45.8(1.3)	46.7(2.0)	44.9(2.0)	48.6(1.5)	34.6(1.9)	35.8(4.6)
1982		47.6(1.8)	50.3(2.9)	45.1(2.0)	52.1(1.9)	27.8(3.0)	33.0(6.2)
1978		52.3(1.6)	54.4(1.7)	50.5(2.2)	57.3(1.6)	28.6(3.5)	37.1(6.2)

(***) STANDARD ERROR ESTIMATE IS GREATER THAN 9.9

ITEM DESCRIPTION	YEAR	NATION	MALE	FEMALE	WHITE	BLACK	HISPANIC
Write improper fraction	1996	68.7(1.8)	66.6(2.5)	70.7(2.0)	74.2(1.8)	51.0(3.5)	46.0(4.2)
	1994	69.3(2.0)	65.7(2.8)	72.8(1.8)	75.0(1.7)	48.2(8.2)	55.3(4.7)
	1992	67.2(1.5)	63.5(1.9)	71.2(1.6)	70.8(1.4)	49.2(3.9)	67.1(4.2)
	1990	70.8(1.3)	66.4(1.8)	75.1(1.6)	75.0(1.3)	54.4(5.0)	56.7(3.9)
	1986	69.9(1.9)	66.8(2.1)	73.0(2.4)	73.2(2.2)	55.6(4.1)	55.8(8.8)
	1982	67.3(1.6)	65.0(1.5)	69.7(2.0)	71.3(1.6)	49.8(4.6)	50.7(5.3)
	1978	60.7(2.2)	57.2(2.5)	64.3(2.6)	67.3(2.2)	32.4(4.9)	30.2(1.7)
	Find percent greater than 100	1996	55.2(1.5)	59.6(1.9)	51.1(2.1)	58.5(1.8)	44.7(3.1)
1994		50.3(1.6)	55.9(1.9)	44.8(2.2)	54.7(2.1)	38.7(3.1)	34.0(4.0)
1992		52.0(1.5)	55.7(1.8)	48.1(2.1)	56.1(1.6)	38.1(3.8)	40.1(4.5)
1990		48.4(1.1)	51.2(1.5)	45.6(1.5)	51.6(1.5)	37.6(2.1)	33.0(5.8)
1986		48.6(1.8)	52.0(2.5)	45.1(2.3)	49.9(1.9)	42.5(3.2)	43.5(3.7)
1982		51.7(1.7)	53.6(1.8)	49.8(2.6)	52.8(1.8)	48.5(3.1)	43.0(6.3)
1978		49.2(1.3)	52.5(1.5)	45.8(2.0)	50.9(1.4)	40.4(3.7)	46.0(6.2)
Understand concept of percent		1996	49.8(1.4)	55.4(1.7)	44.7(1.8)	55.0(1.7)	32.5(2.4)
	1994	50.0(1.6)	56.5(2.4)	43.3(2.1)	55.9(1.7)	26.5(3.7)	33.5(4.0)
	1992	45.1(1.4)	51.3(1.6)	39.4(2.1)	50.1(1.8)	31.1(3.1)	27.9(2.8)
	1990	42.4(1.9)	47.1(2.2)	37.4(2.2)	48.2(2.1)	26.8(3.7)	28.1(3.6)
	1986	41.4(1.6)	46.3(2.2)	36.5(2.4)	46.0(1.9)	22.9(2.0)	28.5(5.0)
	1982	52.8(2.1)	59.6(2.4)	46.2(2.7)	57.9(2.1)	31.7(2.8)	33.1(3.7)
	1978	47.6(1.5)	52.2(1.7)	42.7(1.9)	51.3(1.4)	31.1(2.6)	34.8(4.4)
	Convert decimal to percent	1996	33.1(1.7)	33.0(2.3)	33.1(1.9)	35.4(2.2)	23.2(2.1)
1994		38.1(2.0)	37.5(2.1)	38.8(2.5)	41.4(2.2)	21.6(2.5)	28.5(4.6)
1992		31.0(1.4)	29.9(1.6)	32.0(1.8)	32.7(1.5)	25.0(2.6)	19.5(3.4)
1990		28.4(1.8)	30.0(2.0)	26.7(2.1)	30.3(2.2)	21.8(1.9)	23.5(3.1)
1986		25.7(2.1)	26.0(1.9)	25.4(2.9)	26.6(2.4)	20.4(2.3)	25.2(6.1)
1982		31.0(1.7)	32.3(2.0)	29.6(2.4)	31.9(2.1)	22.8(2.5)	37.4(4.5)
1978		28.6(1.1)	28.6(1.8)	28.6(1.2)	30.2(1.3)	20.0(3.5)	21.6(4.4)
Solve percent problem		1996	48.5(1.9)	51.4(1.8)	45.9(2.4)	53.7(1.7)	30.4(4.0)
	1994	48.1(2.2)	48.7(2.1)	47.6(3.3)	51.3(2.0)	39.4(9.4)	35.0(3.6)
	1992	48.1(1.9)	53.3(2.1)	42.9(2.5)	51.5(2.1)	32.6(3.8)	37.9(4.6)
	1990	41.6(1.7)	45.0(2.2)	38.4(2.1)	45.7(2.0)	26.4(3.3)	29.5(2.9)
	1986	38.7(1.6)	40.6(2.0)	36.9(2.4)	42.2(2.1)	22.2(1.5)	28.3(4.2)
	1982	44.7(1.8)	46.3(2.3)	43.0(2.5)	48.4(1.4)	31.9(4.8)	29.2(4.2)
	1978	38.9(1.6)	42.1(1.9)	35.7(2.1)	41.9(1.7)	22.9(2.8)	29.2(5.6)
	Add integers	1996	64.1(1.7)	68.5(2.1)	60.0(2.1)	69.6(2.1)	45.7(2.7)
1994		61.8(2.1)	64.7(2.5)	58.8(2.1)	69.0(1.9)	43.2(5.6)	36.4(2.7)
1992		58.4(1.6)	60.8(2.1)	55.9(1.7)	64.2(1.8)	37.1(3.6)	39.1(4.3)
1990		54.4(1.8)	56.0(2.3)	52.9(2.1)	59.2(2.1)	33.0(3.3)	46.4(6.7)
1986		51.3(1.8)	52.1(2.0)	50.5(2.8)	54.8(1.7)	34.9(3.9)	38.4(5.2)
1982		45.4(2.4)	48.8(2.6)	41.9(2.7)	49.7(2.6)	22.4(3.0)	38.2(6.1)
1978		44.0(2.0)	44.7(2.5)	43.3(2.4)	49.6(2.2)	18.4(3.1)	22.7(5.6)

(***) STANDARD ERROR ESTIMATE IS GREATER THAN 9.9

ITEM DESCRIPTION	YEAR	NATION	MALE	FEMALE	WHITE	BLACK	HISPANIC
Solve number sentence	1996	52.9(1.5)	54.4(2.6)	51.4(2.2)	56.7(1.9)	40.2(2.5)	39.0(2.7)
	1994	53.9(1.6)	57.1(2.5)	50.8(1.9)	59.0(1.6)	38.8(3.1)	35.9(3.5)
	1992	52.3(1.3)	53.3(1.9)	51.2(1.6)	55.9(1.6)	39.2(2.8)	43.6(3.8)
	1990	51.6(1.1)	52.6(1.5)	50.5(1.8)	55.2(1.3)	37.1(3.1)	45.2(4.9)
	1986	49.3(1.9)	49.4(2.1)	49.3(3.0)	51.9(2.1)	35.8(3.8)	45.8(4.7)
	1982	36.3(1.5)	38.7(1.8)	33.9(2.0)	37.7(1.7)	28.9(3.3)	31.3(5.5)
	1978	43.7(1.2)	45.6(1.9)	41.9(1.6)	47.7(1.1)	22.1(3.3)	34.9(4.6)
	Estimate weight	1996	29.5(1.2)	32.6(1.8)	26.6(1.6)	30.1(1.5)	24.3(3.0)
1994		33.8(1.1)	35.6(1.7)	32.0(1.6)	34.1(1.3)	28.6(3.4)	35.9(4.7)
1992		33.5(1.0)	33.2(1.3)	33.8(1.4)	34.6(1.3)	27.5(2.3)	30.5(2.7)
1990		33.3(1.4)	35.0(1.9)	31.4(1.7)	34.3(1.6)	31.3(3.6)	26.4(4.0)
1986		34.8(1.5)	36.6(2.1)	32.9(1.8)	36.8(1.9)	23.1(1.9)	36.4(3.8)
1982		32.5(1.3)	32.6(1.8)	32.4(2.4)	34.7(1.5)	19.0(2.6)	35.1(4.9)
Estimate total weight	1996	40.8(1.7)	43.9(2.4)	38.0(1.8)	43.9(2.0)	31.2(3.2)	34.9(2.8)
	1994	40.7(1.6)	43.5(2.1)	37.9(1.9)	43.7(1.9)	25.6(3.4)	35.8(5.3)
	1992	40.1(1.0)	42.7(1.7)	37.8(1.1)	43.5(1.1)	28.1(2.5)	35.1(2.2)
	1990	38.5(1.2)	39.2(1.3)	37.8(1.5)	42.5(1.4)	27.6(2.8)	28.3(3.4)
	1986	37.1(1.8)	38.5(2.2)	35.7(2.6)	40.5(2.3)	26.1(2.6)	22.7(3.2)
	1982	35.1(1.7)	36.5(2.2)	33.6(2.2)	38.2(1.6)	18.5(2.7)	29.2(3.4)
Estimate cost of pencils	1996	75.0(1.4)	78.6(1.5)	71.7(1.6)	77.9(1.7)	64.2(3.8)	70.0(3.0)
	1994	76.3(1.1)	78.1(1.9)	74.3(1.2)	78.9(1.4)	64.1(3.2)	72.4(2.6)
	1992	77.9(1.0)	78.0(1.4)	77.8(1.4)	81.1(0.9)	67.0(2.5)	72.1(3.3)
	1990	75.9(1.4)	76.7(1.8)	75.2(1.7)	79.6(1.1)	61.9(6.2)	72.5(2.9)
	1986	74.9(1.3)	76.4(1.4)	73.5(1.7)	77.3(1.5)	63.7(2.9)	69.9(4.2)
	1982	58.8(2.1)	60.6(2.9)	56.8(2.3)	63.0(1.9)	38.1(5.1)	47.2(6.0)
Estimate cost using percent	1996	38.7(1.1)	39.7(1.7)	37.8(1.5)	40.2(1.4)	36.0(2.3)	32.1(3.0)
	1994	39.1(1.5)	41.7(1.8)	36.4(2.5)	40.5(1.7)	34.3(3.1)	33.5(3.1)
	1992	36.3(1.0)	41.1(1.6)	32.0(1.6)	36.7(1.2)	32.6(2.3)	41.2(4.2)
	1990	35.0(1.2)	37.5(1.8)	32.3(1.4)	37.8(1.2)	27.2(4.2)	25.6(3.7)
	1986	38.0(1.9)	38.6(2.4)	37.4(2.2)	40.2(2.2)	32.1(3.0)	28.3(3.1)
	1982	38.2(1.2)	40.6(2.3)	35.6(1.5)	41.0(1.3)	27.0(5.0)	29.6(5.9)
Estimate difference in length	1996	62.9(1.4)	63.9(2.2)	62.0(1.7)	67.4(1.7)	46.1(3.1)	57.2(3.3)
	1994	63.7(1.4)	66.2(2.1)	61.2(1.8)	66.7(1.4)	52.0(3.8)	55.2(5.0)
	1992	62.3(1.3)	62.4(1.5)	62.1(1.9)	66.4(1.5)	48.5(2.9)	53.6(3.5)
	1990	61.6(2.0)	62.6(2.2)	60.6(2.7)	65.8(1.9)	47.3(4.5)	51.7(5.3)
	1986	58.8(1.9)	59.4(2.2)	58.3(2.6)	63.1(2.0)	39.6(3.2)	52.3(4.2)
	1982	56.4(1.7)	56.8(2.0)	55.9(2.3)	60.1(2.0)	37.2(2.6)	47.9(6.1)

(***) STANDARD ERROR ESTIMATE IS GREATER THAN 9.9

ITEM DESCRIPTION	YEAR	NATION	MALE	FEMALE	WHITE	BLACK	HISPANIC
Use property of transitivity	1996	85.0(1.0)	83.0(1.3)	86.9(1.2)	87.0(1.2)	77.6(2.5)	83.3(3.7)
	1994	83.6(0.9)	81.7(1.5)	85.4(1.5)	84.3(1.0)	82.0(1.9)	79.7(3.9)
	1992	82.8(1.0)	82.0(1.2)	83.6(1.4)	84.8(1.0)	77.7(2.4)	77.4(2.8)
	1990	84.1(1.2)	83.5(1.5)	84.7(1.5)	86.5(1.0)	75.6(4.5)	80.3(2.8)
	1986	85.9(0.8)	84.8(1.3)	86.9(1.1)	87.2(1.2)	79.6(1.9)	83.2(3.3)
	1982	84.8(1.4)	80.9(2.1)	88.6(1.6)	86.4(1.5)	78.2(4.1)	76.5(4.2)
	1978	83.1(1.1)	81.1(1.5)	84.9(1.2)	85.1(1.1)	74.5(3.0)	75.2(4.7)
	Determine age relationship	1996	76.4(1.3)	74.9(1.9)	77.8(1.5)	81.4(1.2)	59.7(3.9)
1994		74.2(1.5)	75.1(1.8)	73.4(1.9)	80.4(1.3)	50.2(3.5)	64.0(3.2)
1992		73.2(1.0)	73.9(1.2)	72.5(1.6)	77.9(1.1)	53.8(2.4)	65.3(3.3)
1990		74.9(1.0)	76.3(1.2)	73.6(1.7)	78.3(1.3)	64.8(3.1)	62.2(4.0)
1986		72.1(1.3)	71.4(1.7)	72.8(1.7)	74.7(1.2)	60.5(4.3)	64.1(3.8)
1982		75.3(1.5)	77.1(1.5)	73.6(2.3)	79.6(1.6)	54.8(4.2)	63.8(4.4)
1978		73.5(1.1)	73.0(1.4)	74.1(1.4)	77.3(0.9)	56.7(5.3)	61.7(4.0)
Identify valid conclusion		1996	81.0(1.3)	78.0(1.9)	83.9(1.2)	83.8(1.6)	72.4(2.6)
	1994	79.5(1.4)	77.4(2.1)	81.6(1.4)	83.2(1.3)	69.5(4.8)	72.2(2.3)
	1992	78.4(1.2)	76.0(1.6)	81.0(1.5)	81.5(1.2)	67.7(3.4)	71.3(4.6)
	1990	77.7(1.0)	76.4(1.5)	79.1(1.5)	79.8(1.3)	73.0(3.4)	67.6(2.2)
	1986	75.3(1.4)	73.8(2.2)	76.8(1.5)	76.3(1.6)	72.8(3.5)	65.3(3.2)
	1982	67.6(1.4)	66.0(1.9)	69.2(1.8)	69.4(1.8)	61.9(3.5)	58.0(3.7)
	1978	64.6(1.3)	62.2(1.8)	67.2(1.7)	66.1(1.3)	60.6(3.9)	54.3(3.9)
	Identify valid conclusion	1996	26.0(1.2)	30.0(1.8)	22.2(1.7)	26.0(1.5)	24.6(2.2)
1994		28.4(1.3)	31.1(1.8)	25.8(1.8)	28.4(1.3)	28.9(2.2)	24.6(3.6)
1992		29.5(1.2)	31.5(1.8)	27.2(1.8)	29.8(1.3)	28.4(3.8)	27.0(5.2)
1990		28.0(1.3)	30.2(1.6)	25.9(1.6)	28.3(1.3)	25.5(3.7)	28.4(4.6)
1986		29.8(1.3)	30.8(2.0)	28.9(2.2)	30.3(1.5)	26.0(3.1)	33.3(2.8)
1982		44.9(1.6)	47.9(2.0)	42.0(2.4)	46.7(1.7)	36.0(2.5)	44.6(3.0)
1978		50.1(1.6)	53.0(2.0)	46.9(2.2)	53.1(1.6)	39.1(4.0)	32.0(6.9)
Interpret data in table		1996	63.7(2.0)	68.6(2.2)	59.0(2.3)	67.9(2.4)	42.9(3.3)
	1994	61.9(1.9)	64.8(2.3)	59.1(2.2)	68.1(1.3)	38.2(6.6)	51.3(4.3)
	1992	62.4(1.3)	65.7(1.6)	58.9(2.0)	68.0(1.3)	39.7(3.9)	55.1(3.8)
	1990	61.3(1.3)	64.1(1.5)	58.6(1.9)	66.8(1.5)	39.8(3.8)	50.6(4.3)
	1986	60.8(1.9)	63.4(2.2)	58.2(2.3)	64.5(2.2)	42.5(4.0)	61.2(3.2)
	1982	50.2(2.0)	55.1(2.6)	45.3(2.0)	53.5(2.4)	32.3(4.8)	46.1(4.0)
	1978	56.8(1.6)	63.2(1.7)	50.3(2.3)	60.8(1.7)	34.7(2.8)	52.1(3.9)
	Read circle graph	1996	94.2(0.8)	93.9(1.0)	94.4(1.0)	95.9(0.8)	91.9(1.9)
1994		95.5(0.5)	94.7(0.9)	96.3(0.7)	97.0(0.5)	92.9(1.4)	90.9(2.2)
1992		94.4(0.6)	94.7(1.2)	94.2(0.8)	96.1(0.6)	89.5(1.8)	90.1(2.0)
1990		92.5(1.0)	91.3(1.5)	93.8(0.9)	96.1(0.6)	80.5(4.3)	85.7(2.6)
1986		94.8(0.7)	95.1(0.9)	94.5(0.8)	96.4(0.6)	90.0(1.9)	89.1(5.0)
1982		94.8(0.8)	94.0(0.8)	95.5(1.0)	95.9(0.9)	90.4(1.6)	87.4(2.7)
1978		93.3(0.8)	91.2(1.2)	95.5(0.8)	95.4(0.7)	83.5(2.4)	87.7(3.0)

(***) STANDARD ERROR ESTIMATE IS GREATER THAN 9.9

ITEM DESCRIPTION	YEAR	NATION	MALE	FEMALE	WHITE	BLACK	HISPANIC
Interpret data in circle graph	1996	88.2(1.0)	86.9(1.3)	89.4(1.1)	90.5(0.9)	81.9(2.7)	82.6(3.1)
	1994	89.9(0.9)	87.6(1.1)	92.2(1.2)	92.0(0.9)	83.6(2.2)	86.2(2.3)
	1992	88.9(0.9)	86.3(1.5)	91.3(1.0)	90.6(0.9)	84.1(3.1)	82.9(2.8)
	1990	86.9(1.2)	85.9(1.7)	88.0(1.2)	89.9(1.2)	77.4(3.9)	82.7(2.4)
	1986	86.2(1.0)	86.2(1.8)	86.1(1.3)	88.5(1.1)	78.2(2.4)	75.7(5.4)
	1982	93.7(0.8)	90.9(1.1)	96.5(0.7)	95.2(0.7)	86.7(2.4)	89.7(2.5)
	1978	90.8(0.8)	89.9(1.2)	91.7(0.9)	93.5(0.7)	78.6(2.7)	80.8(3.2)
Find average	1996	56.3(2.1)	57.2(2.4)	55.6(2.2)	62.0(2.2)	42.7(3.9)	43.1(3.6)
	1994	58.3(2.0)	59.9(3.0)	56.6(1.9)	61.9(2.2)	42.4(4.5)	51.6(3.4)
	1992	57.5(1.7)	56.9(1.9)	58.0(2.4)	63.1(1.9)	37.6(3.1)	43.7(3.4)
	1990	50.5(2.4)	50.8(2.8)	50.1(2.7)	55.1(2.6)	35.5(5.9)	42.0(5.3)
	1986	48.6(2.0)	49.1(2.6)	48.2(2.5)	53.4(2.5)	31.2(3.7)	31.0(4.0)
	1982	52.7(2.2)	52.3(2.7)	53.1(2.4)	56.6(2.0)	36.6(4.0)	33.6(4.3)
	1978	50.6(1.9)	50.6(2.3)	50.6(2.2)	56.4(2.0)	25.0(4.3)	22.5(4.9)
Solve money problem	1996	59.1(1.6)	55.9(2.0)	62.4(2.0)	65.0(1.7)	35.7(3.6)	51.8(3.3)
	1994	59.3(1.8)	57.6(2.3)	60.9(2.1)	64.6(1.9)	41.0(6.8)	46.6(4.1)
	1992	56.7(2.1)	53.3(2.2)	60.1(2.6)	62.9(2.4)	26.7(3.5)	50.2(4.0)
	1990	51.5(1.7)	47.1(2.1)	55.7(1.9)	55.4(1.8)	39.4(3.6)	36.4(4.0)
	1986	43.7(1.7)	40.3(2.2)	47.0(2.2)	48.0(2.0)	24.0(2.3)	28.8(4.4)
	1982	46.8(2.0)	44.4(2.4)	49.3(2.5)	51.8(1.8)	24.7(4.5)	31.6(2.0)
	1978	43.5(2.2)	42.8(2.4)	44.1(2.6)	48.6(2.3)	20.5(2.5)	24.8(4.3)
Identify algebraic identity	1996	51.6(1.9)	50.7(2.1)	52.5(2.6)	55.5(2.0)	43.6(4.6)	35.9(2.8)
	1994	49.0(1.4)	46.0(1.9)	52.1(2.0)	51.8(1.7)	33.7(2.9)	44.3(8.5)
	1992	47.2(1.7)	42.3(1.9)	51.8(2.2)	51.7(1.7)	35.0(3.0)	32.7(4.3)
	1990	41.6(2.2)	39.3(2.7)	44.0(2.3)	46.3(2.5)	27.2(4.9)	26.8(4.4)
	1986	37.6(2.8)	36.4(2.8)	38.8(3.3)	41.2(3.2)	22.8(2.6)	25.9(3.9)
	1982	41.5(1.7)	38.2(2.4)	44.8(2.2)	44.8(2.0)	27.7(3.5)	23.7(3.4)
	1978	35.7(1.8)	32.3(2.2)	39.3(1.9)	39.8(1.9)	19.8(1.9)	16.5(4.9)
Identify unit of length	1996	93.5(0.7)	93.2(0.8)	93.8(0.9)	95.0(0.7)	87.4(2.2)	89.8(1.8)
	1994	92.9(0.6)	93.1(1.2)	92.7(0.9)	93.9(0.8)	88.8(1.5)	91.8(2.2)
	1992	95.1(0.7)	94.8(1.1)	95.3(0.7)	96.2(0.6)	91.1(2.4)	92.8(1.8)
	1990	94.0(0.6)	93.7(0.8)	94.2(0.9)	94.9(0.6)	89.6(2.4)	93.5(2.4)
	1986	91.9(1.1)	92.5(1.3)	91.4(1.1)	93.5(1.3)	86.4(2.3)	84.5(4.2)
	1982	87.5(1.5)	87.7(1.6)	87.4(1.8)	89.9(1.4)	74.5(3.1)	84.9(2.8)
Identify unit of weight	1996	76.5(1.4)	79.7(2.0)	73.4(1.4)	80.4(1.5)	62.2(3.8)	62.2(4.0)
	1994	72.8(1.3)	78.2(1.6)	67.5(2.0)	77.5(1.7)	54.3(2.5)	66.2(4.1)
	1992	71.9(2.0)	73.2(2.6)	70.5(1.8)	75.4(1.9)	59.4(5.0)	61.6(5.2)
	1990	68.9(1.6)	72.3(1.7)	65.7(2.3)	72.0(2.0)	55.8(2.9)	64.8(3.9)
	1986	66.8(1.7)	70.9(1.8)	62.7(2.4)	69.5(1.9)	58.4(4.8)	51.5(4.6)
	1982	70.7(1.6)	73.7(1.8)	67.5(2.5)	75.2(1.9)	46.5(2.6)	64.4(3.0)

(***) STANDARD ERROR ESTIMATE IS GREATER THAN 9.9

ITEM DESCRIPTION	YEAR	NATION	MALE	FEMALE	WHITE	BLACK	HISPANIC
Convert metric units	1996	39.2(1.7)	41.5(2.7)	37.1(2.1)	42.1(2.1)	29.5(3.3)	27.5(2.2)
	1994	44.1(1.9)	45.3(2.4)	42.9(2.1)	47.1(2.2)	33.6(4.6)	34.0(2.4)
	1992	44.0(2.0)	46.4(2.5)	41.4(2.1)	47.2(2.3)	33.1(3.1)	27.7(4.0)
	1990	45.2(1.5)	46.0(1.8)	44.5(1.9)	49.2(1.8)	32.1(2.5)	32.6(4.1)
	1986	46.3(4.0)	46.7(4.3)	45.9(4.1)	48.5(5.0)	35.3(3.3)	41.3(4.1)
	1982	49.5(1.4)	52.4(2.1)	46.7(1.3)	49.5(1.7)	50.4(6.6)	47.0(6.7)
Convert metric units	1996	40.1(2.0)	41.6(2.6)	38.7(2.1)	41.7(2.6)	39.2(2.9)	32.7(2.7)
	1994	43.1(2.1)	44.5(2.5)	41.9(3.3)	44.5(2.1)	44.3(7.3)	30.3(4.2)
	1992	44.8(1.5)	46.1(1.8)	43.6(2.2)	46.0(1.8)	40.3(3.5)	38.0(6.3)
	1990	48.8(1.9)	48.5(2.2)	49.1(2.3)	50.7(2.1)	43.7(3.3)	39.2(4.5)
	1986	50.1(2.0)	50.4(2.3)	49.7(2.7)	51.6(2.4)	45.2(3.2)	41.6(5.2)
	1982	37.9(2.3)	39.6(3.2)	36.3(2.2)	38.8(2.3)	36.5(6.0)	27.0(5.7)
Identify greatest metric unit	1996	77.0(1.7)	80.8(2.0)	73.3(2.4)	82.3(1.6)	60.7(3.3)	67.3(3.8)
	1994	76.5(1.5)	78.9(1.8)	74.4(2.2)	80.1(1.4)	66.1(4.0)	61.9(6.4)
	1992	79.4(1.5)	82.8(1.6)	76.0(1.9)	81.7(1.6)	66.8(3.7)	78.3(3.4)
	1990	74.9(1.7)	77.9(2.0)	72.1(1.9)	78.6(1.9)	59.8(3.8)	66.5(5.7)
	1986	71.7(1.6)	77.0(1.9)	66.4(2.2)	75.1(2.1)	60.9(3.9)	52.1(5.4)
	1982	73.7(1.9)	76.8(2.4)	70.6(2.1)	78.2(2.1)	50.6(4.3)	70.6(4.7)
Estimate height of door	1996	81.6(1.4)	85.0(1.6)	78.4(1.8)	86.9(1.3)	61.9(3.8)	70.4(3.5)
	1994	81.0(0.9)	86.8(1.2)	75.5(1.9)	87.4(1.0)	58.9(2.8)	67.1(4.2)
	1992	81.9(0.9)	88.0(1.3)	75.4(1.5)	86.4(0.9)	65.1(3.1)	73.6(3.3)
	1990	81.0(1.1)	88.0(1.3)	74.4(1.5)	86.5(1.1)	62.4(3.9)	64.7(4.5)
	1986	81.3(1.8)	88.0(1.4)	74.6(2.5)	85.6(2.2)	62.5(2.7)	75.4(2.4)
	1982	76.9(1.5)	82.3(1.9)	71.7(1.9)	80.2(1.7)	64.5(2.9)	61.5(5.5)
Read length using ruler	1996	84.5(1.0)	85.3(1.6)	83.8(1.1)	88.0(1.0)	72.0(3.0)	74.5(3.5)
	1994	84.2(1.2)	86.2(1.8)	82.4(1.4)	88.0(1.0)	70.4(4.0)	76.0(1.7)
	1992	84.4(1.0)	85.6(1.1)	83.0(1.6)	88.4(1.1)	69.5(2.8)	74.9(3.4)
	1990	82.9(0.9)	83.7(1.1)	82.1(1.3)	86.5(0.8)	70.4(4.4)	72.6(3.0)
	1986	81.0(1.1)	81.4(1.3)	80.5(1.5)	83.4(1.2)	67.9(3.0)	79.0(3.2)
	1982	83.8(1.4)	87.4(1.9)	80.1(2.0)	87.1(1.2)	69.5(4.5)	72.0(2.6)
Find area of rectangle	1996	58.1(2.1)	58.5(2.8)	57.6(2.6)	61.2(2.4)	47.4(4.2)	40.0(5.1)
	1994	59.7(1.7)	59.5(2.3)	59.8(1.8)	66.5(1.7)	36.0(3.0)	42.0(4.2)
	1992	55.9(1.7)	54.0(2.4)	57.9(1.9)	59.5(2.0)	41.3(3.4)	46.9(4.8)
	1990	53.6(1.9)	52.3(2.3)	54.8(2.2)	56.3(2.1)	46.0(3.1)	39.1(5.0)
	1986	51.6(1.9)	50.2(2.5)	53.0(1.9)	53.9(2.2)	44.2(3.7)	34.8(6.1)
	1982	48.4(2.2)	47.2(2.8)	49.5(2.5)	53.1(2.6)	24.4(3.7)	39.9(5.7)
1978	51.4(2.0)	49.6(2.3)	53.1(2.1)	55.2(2.2)	32.4(3.8)	37.3(4.5)	

(***) STANDARD ERROR ESTIMATE IS GREATER THAN 9.9

ITEM DESCRIPTION	YEAR	NATION	MALE	FEMALE	WHITE	BLACK	HISPANIC
Find area of rectangle	1996	67.9(1.5)	68.0(1.9)	67.8(1.6)	72.4(1.5)	53.9(3.5)	56.8(3.1)
	1994	67.8(1.4)	66.3(1.8)	69.4(1.7)	71.1(1.5)	53.1(3.4)	60.5(3.4)
	1992	67.7(1.4)	65.3(1.7)	70.0(1.9)	72.5(1.6)	54.2(3.4)	48.3(3.4)
	1990	62.0(2.3)	60.5(2.8)	63.7(2.4)	66.5(2.5)	47.9(4.1)	54.7(3.9)
	1986	63.4(1.7)	64.5(1.8)	62.4(2.6)	65.6(2.1)	52.6(3.3)	58.1(4.1)
	1982	64.0(2.2)	66.3(2.1)	61.8(2.9)	68.0(2.5)	45.1(3.4)	50.2(4.3)
	1978	70.5(1.6)	70.6(1.6)	70.4(2.2)	73.7(1.5)	52.8(4.1)	62.2(5.2)
	Find area of square	1996	12.4(1.3)	14.1(1.9)	10.8(1.2)	13.3(1.6)	7.1(1.9)
1994		13.1(1.1)	14.8(1.5)	11.4(1.2)	14.0(1.2)	3.8(1.4)	11.0(4.6)
1992		12.0(0.9)	12.6(1.1)	11.5(1.2)	12.7(1.2)	8.6(2.8)	8.6(2.0)
1990		12.5(1.4)	13.0(1.6)	12.1(1.6)	13.9(1.8)	5.9(2.7)	8.4(1.6)
1986		13.0(1.5)	15.8(1.6)	10.2(1.6)	14.4(1.7)	5.3(1.6)	7.4(2.4)
1982		17.7(1.9)	20.2(2.2)	15.3(2.3)	20.5(2.1)	4.3(1.3)	3.4(2.6)
1978		12.1(1.4)	12.8(1.6)	11.4(1.5)	14.4(1.6)	3.1(1.2)	1.4(0.9)
Identify parallelograms		1996	72.6(1.6)	71.6(2.1)	73.7(1.9)	76.7(1.8)	56.9(3.2)
	1994	69.6(1.6)	69.0(2.2)	70.1(1.7)	73.8(1.8)	56.0(3.6)	61.2(3.6)
	1992	70.8(1.2)	68.0(1.8)	73.5(1.4)	75.4(1.2)	52.9(3.0)	56.9(3.4)
	1990	67.2(1.3)	66.4(1.9)	67.9(1.9)	69.3(1.6)	58.1(3.7)	61.9(4.2)
	1986	67.5(2.1)	69.3(2.3)	65.8(2.2)	70.5(2.8)	51.3(2.8)	62.0(4.5)
	1982	72.3(2.0)	71.8(2.3)	72.9(2.6)	75.6(2.0)	59.5(4.2)	59.4(9.0)
	1978	66.4(1.4)	65.5(1.6)	67.3(1.9)	68.2(1.5)	56.9(3.8)	58.3(5.2)
	Apply vertical angles	1996	83.6(1.2)	84.1(1.4)	83.1(1.8)	86.2(1.3)	73.9(3.6)
1994		82.7(1.1)	81.7(1.3)	83.7(1.5)	84.9(1.1)	70.7(3.2)	79.3(3.3)
1992		81.1(1.0)	82.2(1.3)	80.1(1.6)	82.7(1.2)	73.6(2.6)	80.5(3.4)
1990		81.1(1.5)	81.3(1.7)	80.9(2.0)	84.4(1.3)	71.3(4.5)	72.3(2.8)
1986		80.4(1.8)	78.2(2.6)	82.7(1.8)	81.6(2.1)	76.6(2.3)	76.2(2.9)
1982		75.0(1.3)	74.6(1.7)	75.4(1.6)	77.5(1.5)	63.4(2.6)	71.2(3.0)
1978		72.1(1.3)	71.4(1.8)	73.0(1.6)	74.0(1.4)	60.7(4.9)	69.7(4.7)
Apply supplementary angles		1996	13.4(1.8)	14.8(2.0)	12.0(1.9)	15.6(2.4)	5.3(1.4)
	1994	13.9(1.2)	14.9(1.6)	12.9(1.2)	15.5(1.4)	5.6(1.0)	6.5(2.1)
	1992	10.7(1.0)	12.7(1.4)	8.9(0.9)	11.8(1.4)	6.8(1.5)	4.2(1.3)
	1990	10.6(1.2)	12.8(1.7)	8.4(1.1)	12.1(1.6)	6.7(1.3)	2.3(0.6)
	1986	8.9(1.1)	10.9(1.4)	6.9(1.3)	9.7(1.2)	4.3(1.9)	6.8(2.5)
	1982	12.8(1.6)	16.2(1.8)	9.4(1.6)	13.1(1.7)	12.6(4.0)	9.0(3.2)
	1978	10.3(1.2)	11.7(1.2)	8.9(1.4)	12.1(1.4)	1.4(0.8)	3.5(1.2)
	Identify greatest number	1996	64.4(1.7)	70.3(2.0)	58.8(2.6)	70.5(1.9)	40.2(3.5)
1994		62.3(1.9)	68.2(2.4)	56.4(2.1)	70.4(1.3)	35.4(4.9)	41.9(4.5)
1992		58.4(1.8)	62.3(2.3)	54.2(2.3)	64.6(1.7)	32.7(4.2)	47.9(4.6)
1990		58.0(1.8)	59.9(2.3)	56.2(1.9)	63.3(2.1)	36.0(5.8)	45.2(3.7)
1986		53.4(1.5)	56.2(1.7)	50.6(2.0)	58.9(1.6)	31.2(2.5)	34.4(5.5)
1982		54.7(1.8)	56.0(2.5)	53.3(2.2)	58.5(1.5)	37.3(6.2)	38.9(5.8)

(***) STANDARD ERROR ESTIMATE IS GREATER THAN 9.9

ITEM DESCRIPTION	YEAR	NATION	MALE	FEMALE	WHITE	BLACK	HISPANIC
Change decimal to percent	1996	68.3(1.4)	66.3(1.9)	70.1(1.8)	69.2(1.9)	61.1(2.7)	63.7(3.2)
	1994	67.5(1.5)	67.1(1.8)	67.8(1.8)	70.8(1.5)	56.9(3.9)	56.8(3.8)
	1992	63.1(1.4)	63.3(2.2)	63.0(1.9)	65.8(1.6)	50.5(2.9)	62.8(5.1)
	1990	63.3(1.5)	62.4(1.7)	64.2(1.7)	65.4(1.6)	48.5(3.3)	68.8(3.9)
	1986	65.2(1.8)	64.5(2.1)	65.9(2.3)	66.7(1.9)	55.1(3.6)	68.6(3.4)
	1982	68.4(1.4)	65.1(1.8)	71.7(1.7)	69.4(1.5)	61.3(4.5)	68.2(5.1)
	1978	48.2(1.5)	46.4(1.8)	50.2(2.3)	53.4(1.5)	25.4(6.0)	26.5(4.0)
Write addition sentence	1996	34.4(1.7)	36.2(2.0)	32.7(1.8)	37.1(2.0)	20.1(2.3)	23.9(3.0)
	1994	30.7(1.4)	33.3(1.4)	28.4(2.2)	34.8(1.6)	20.5(2.4)	14.2(2.9)
	1992	29.3(1.3)	28.9(1.5)	29.7(1.7)	32.4(1.6)	18.5(2.4)	18.6(3.3)
	1990	28.9(1.4)	29.6(1.6)	28.2(1.6)	31.3(1.6)	18.5(2.8)	22.1(3.4)
	1986	31.8(1.7)	30.2(1.9)	33.4(1.9)	34.1(1.8)	19.6(3.9)	27.3(4.5)
	1982	46.5(2.5)	46.3(2.9)	46.6(2.9)	49.8(2.5)	30.1(6.8)	31.6(7.1)
	1978	48.2(1.5)	46.4(1.8)	50.2(2.3)	53.4(1.5)	25.4(6.0)	26.5(4.0)
Find common factor	1996	81.6(1.2)	81.7(1.4)	81.6(1.7)	84.3(1.2)	70.6(3.8)	78.8(4.4)
	1994	83.0(0.9)	82.0(1.5)	83.9(1.1)	84.4(0.9)	80.6(2.8)	73.8(2.9)
	1992	84.4(1.1)	84.2(1.8)	84.5(1.6)	86.4(1.2)	75.0(2.8)	85.8(2.4)
	1990	83.8(1.3)	81.1(1.7)	86.4(1.6)	86.5(1.2)	77.9(4.0)	71.6(5.4)
	1986	84.3(1.1)	84.1(1.3)	84.6(1.5)	85.4(1.2)	82.8(2.0)	77.2(3.0)
	1982	79.5(1.3)	78.3(1.6)	80.6(1.5)	81.1(1.4)	75.5(2.8)	68.1(4.2)
	1978	72.5(1.4)	72.9(1.7)	72.2(1.8)	75.3(1.5)	61.4(2.7)	62.9(4.6)
Add whole numbers	1996	96.3(0.4)	96.2(0.6)	96.5(0.6)	96.9(0.4)	94.5(1.3)	93.6(1.6)
	1994	96.7(0.5)	96.3(0.8)	97.1(0.5)	97.0(0.6)	96.1(1.0)	93.8(1.6)
	1992	97.1(0.4)	97.6(0.5)	96.7(0.6)	97.3(0.4)	96.1(1.2)	96.7(1.2)
	1990	97.1(0.3)	97.1(0.6)	97.1(0.4)	97.2(0.3)	97.1(1.4)	96.3(1.2)
	1986	96.2(0.5)	96.1(0.5)	96.3(0.7)	96.6(0.6)	94.0(1.8)	96.2(0.8)
	1982	96.3(0.5)	95.9(0.7)	96.6(0.5)	96.2(0.6)	95.9(1.0)	97.1(1.4)
	1978	96.3(0.5)	95.9(0.7)	96.6(0.5)	96.2(0.6)	95.9(1.0)	97.1(1.4)
Add whole numbers	1996	95.6(0.4)	95.1(0.9)	96.0(0.7)	95.7(0.6)	94.0(1.5)	95.9(1.6)
	1994	96.0(0.6)	94.5(1.1)	97.7(0.5)	96.2(0.6)	94.9(1.6)	95.4(2.1)
	1992	95.5(0.5)	95.3(0.8)	95.8(0.5)	95.9(0.6)	93.7(1.3)	94.7(2.1)
	1990	96.6(0.4)	96.1(0.8)	97.0(0.5)	96.8(0.3)	96.0(1.7)	94.4(1.8)
	1986	95.3(0.6)	94.5(0.8)	96.1(0.9)	95.4(0.7)	94.4(1.2)	96.3(1.4)
	1982	96.4(0.5)	95.2(0.8)	97.7(0.4)	97.7(0.4)	89.7(1.3)	94.2(1.8)
	1978	96.4(0.5)	95.2(0.8)	97.7(0.4)	97.7(0.4)	89.7(1.3)	94.2(1.8)
Add whole numbers	1996	78.4(0.9)	76.2(1.5)	80.4(1.2)	80.0(0.9)	68.8(3.7)	75.2(3.2)
	1994	78.1(0.8)	77.2(1.3)	78.9(1.4)	80.4(1.1)	67.2(2.3)	72.4(3.1)
	1992	79.3(1.0)	78.9(1.4)	79.8(1.2)	80.5(1.2)	74.6(2.9)	77.3(2.7)
	1990	81.6(0.8)	79.1(1.4)	84.0(1.1)	82.4(0.9)	77.1(2.9)	79.1(3.6)
	1986	81.3(1.6)	80.1(2.0)	82.5(1.8)	82.0(1.7)	77.6(3.3)	78.4(4.1)
	1982	85.7(1.0)	83.7(1.3)	87.8(1.3)	87.1(1.1)	78.2(2.2)	82.6(2.5)
	1978	85.7(1.0)	83.7(1.3)	87.8(1.3)	87.1(1.1)	78.2(2.2)	82.6(2.5)

(***) STANDARD ERROR ESTIMATE IS GREATER THAN 9.9

ITEM DESCRIPTION	YEAR	NATION	MALE	FEMALE	WHITE	BLACK	HISPANIC
Add whole numbers	1996	98.0(0.5)	97.2(0.9)	98.7(0.4)	97.7(0.7)	98.9(0.8)	97.9(0.6)
	1994	97.3(0.4)	96.5(0.8)	98.1(0.5)	97.3(0.4)	97.4(1.1)	97.4(1.0)
	1992	98.1(0.4)	97.5(0.5)	98.7(0.4)	98.1(0.5)	98.9(0.5)	97.9(1.0)
	1990	98.1(0.2)	97.8(0.4)	98.3(0.4)	98.0(0.3)	98.2(0.8)	98.4(0.8)
	1986	97.8(0.4)	97.5(0.5)	98.0(0.6)	97.7(0.5)	98.1(0.6)	97.2(1.2)
	1982	97.1(0.5)	96.7(0.8)	97.5(0.7)	97.6(0.4)	94.1(1.7)	96.7(2.4)
Add whole numbers	1996	97.6(0.4)	97.4(0.8)	98.0(0.4)	98.0(0.4)	95.9(2.3)	96.8(0.9)
	1994	97.0(0.5)	96.7(0.6)	97.3(0.7)	97.2(0.5)	96.6(1.2)	96.0(1.6)
	1992	97.7(0.4)	97.1(0.7)	98.3(0.5)	97.8(0.5)	96.7(1.3)	100.0(0.0)
	1990	98.0(0.4)	97.5(0.6)	98.4(0.4)	98.3(0.4)	97.2(1.0)	96.2(1.4)
	1986	97.6(0.3)	96.9(0.8)	98.2(0.6)	97.6(0.4)	97.6(0.8)	95.9(1.6)
	1982	97.9(0.4)	97.7(0.6)	98.1(0.5)	98.2(0.3)	96.1(1.5)	97.5(1.4)
Add whole numbers	1996	91.7(0.7)	90.8(1.2)	92.5(1.1)	92.2(0.8)	87.3(2.0)	93.5(1.7)
	1994	90.7(0.8)	89.3(1.1)	91.9(1.1)	92.0(0.8)	85.6(2.0)	89.2(2.3)
	1992	91.9(0.7)	89.9(1.2)	94.0(0.8)	92.3(0.8)	89.4(2.3)	93.3(2.6)
	1990	92.5(0.7)	90.1(1.0)	94.8(0.8)	93.5(0.6)	89.5(2.2)	87.1(3.5)
	1986	89.6(1.0)	87.2(1.9)	92.0(0.8)	91.1(1.2)	82.3(1.2)	87.0(3.3)
	1982	87.9(1.6)	83.9(2.4)	92.1(1.3)	91.1(1.0)	70.9(6.0)	87.5(3.0)
Apply operation of addition	1996	94.4(0.7)	94.4(1.1)	94.4(0.8)	95.6(0.7)	90.9(2.0)	89.5(2.8)
	1994	96.0(0.6)	95.6(0.8)	96.3(0.7)	96.2(0.7)	94.5(1.3)	95.0(1.7)
	1992	95.4(0.6)	95.5(0.7)	95.3(0.9)	97.3(0.5)	89.5(2.3)	92.1(2.1)
	1990	96.0(0.4)	95.2(0.7)	96.7(0.5)	96.3(0.4)	95.5(1.3)	94.1(1.4)
	1986	96.5(0.5)	95.9(0.7)	97.1(0.7)	96.8(0.7)	96.2(0.9)	93.4(1.7)
	1982	97.6(0.3)	97.8(0.4)	97.5(0.6)	97.9(0.4)	97.0(1.2)	96.7(1.4)
Subtract whole numbers	1996	92.3(0.7)	91.9(1.1)	92.7(0.7)	93.6(0.8)	85.5(1.8)	92.9(1.6)
	1994	92.8(0.8)	91.6(0.9)	93.9(1.1)	94.1(0.7)	88.5(3.0)	88.5(3.5)
	1992	94.3(0.7)	93.9(1.1)	94.8(0.7)	95.2(0.7)	88.9(2.1)	96.9(1.4)
	1990	94.9(0.5)	93.1(1.0)	96.7(0.6)	95.3(0.5)	93.7(1.8)	90.9(2.1)
	1986	94.7(0.5)	93.5(1.0)	95.9(0.4)	95.2(0.7)	93.5(1.9)	91.0(2.5)
	1982	95.4(0.5)	94.6(0.9)	96.1(0.7)	96.8(0.5)	87.0(2.3)	95.3(1.2)
	1978	92.1(0.7)	91.5(0.9)	92.6(1.0)	94.2(0.7)	79.9(1.8)	92.0(1.8)
Subtract whole numbers	1996	80.3(1.1)	81.2(1.3)	79.5(1.5)	83.9(1.2)	61.9(3.3)	77.6(3.0)
	1994	80.8(1.0)	79.8(1.8)	81.7(1.6)	85.0(0.9)	64.7(3.0)	75.7(4.3)
	1992	82.5(1.1)	81.0(1.6)	84.1(1.0)	85.4(0.8)	69.3(4.0)	81.5(3.0)
	1990	81.7(1.1)	80.0(1.6)	83.4(1.5)	84.5(1.3)	68.7(2.9)	79.5(3.8)
	1986	82.8(1.1)	80.8(1.2)	84.7(1.9)	84.0(1.1)	75.9(3.4)	79.5(3.9)
	1982	86.3(1.2)	85.1(1.6)	87.4(2.0)	89.5(1.3)	70.8(3.2)	77.8(3.6)
	1978	80.6(1.2)	80.4(1.4)	80.8(1.6)	83.8(1.3)	63.0(3.5)	77.3(2.7)

(***) STANDARD ERROR ESTIMATE IS GREATER THAN 9.9

ITEM DESCRIPTION	YEAR	NATION	MALE	FEMALE	WHITE	BLACK	HISPANIC
Subtract whole numbers	1996	83.0(1.1)	82.9(1.2)	83.2(1.7)	85.4(1.2)	72.8(2.6)	77.8(4.0)
	1994	85.8(1.0)	84.4(1.4)	87.1(1.3)	87.8(0.9)	75.7(4.3)	84.8(4.5)
	1992	87.3(0.8)	86.6(1.1)	87.9(1.3)	89.6(0.8)	76.1(2.5)	86.1(2.6)
	1990	88.2(0.9)	87.1(1.3)	89.3(1.4)	89.7(0.9)	81.3(3.3)	85.2(2.3)
	1986	87.8(1.6)	86.1(1.7)	89.5(2.1)	89.7(1.7)	79.2(2.6)	83.7(2.2)
	1982	88.0(1.1)	85.9(1.5)	90.1(1.3)	90.3(1.2)	74.0(3.2)	91.1(2.2)
	1978	84.7(0.9)	83.7(1.2)	85.7(1.6)	87.6(0.9)	70.9(2.9)	76.6(3.3)
	Subtract whole numbers	1996	94.8(0.6)	94.6(0.9)	95.0(0.7)	96.4(0.6)	90.9(1.7)
1994		95.6(0.5)	95.3(0.7)	95.9(0.7)	96.5(0.5)	92.5(1.9)	93.5(1.9)
1992		95.4(0.6)	95.3(0.7)	95.4(1.0)	96.3(0.6)	91.2(1.7)	94.7(1.7)
1990		95.1(0.6)	94.7(0.7)	95.6(0.8)	96.3(0.5)	92.3(2.5)	90.5(1.4)
1986		95.4(0.6)	95.5(0.6)	95.3(1.1)	96.0(0.7)	91.7(1.4)	96.2(1.4)
1982		96.2(0.7)	95.3(0.9)	97.0(0.7)	96.9(0.7)	92.3(1.5)	94.9(2.3)
1978		95.8(0.6)	94.8(0.9)	96.8(0.6)	96.9(0.7)	89.4(1.3)	95.8(1.6)
Subtract whole numbers		1996	94.6(0.6)	93.5(0.9)	95.6(0.6)	95.7(0.6)	90.9(1.9)
	1994	96.2(0.5)	95.3(0.7)	97.0(0.7)	96.6(0.5)	95.0(1.7)	93.3(1.7)
	1992	95.5(0.5)	94.5(1.1)	96.4(0.8)	96.2(0.6)	92.7(1.6)	95.1(1.8)
	1990	95.7(0.6)	94.8(0.7)	96.7(0.8)	96.2(0.5)	95.3(1.5)	91.2(1.7)
	1986	96.8(0.6)	96.5(0.7)	97.0(0.7)	97.4(0.6)	93.3(1.3)	96.0(1.9)
	1982	96.1(0.6)	94.5(0.9)	97.8(0.7)	96.2(0.7)	94.7(1.3)	97.3(2.0)
	1978	94.9(0.4)	93.3(0.8)	96.6(0.6)	95.8(0.5)	89.5(1.7)	94.3(1.7)
	Subtract whole numbers	1996	91.3(0.8)	91.2(1.1)	91.3(1.0)	92.1(0.9)	89.5(2.5)
1994		92.3(0.8)	91.9(1.0)	92.7(1.0)	93.3(0.7)	87.9(2.7)	91.0(2.8)
1992		92.3(1.0)	91.3(1.1)	93.2(1.1)	93.8(1.0)	86.3(2.8)	91.7(1.6)
1990		91.9(0.9)	91.2(1.3)	92.5(0.9)	93.1(0.8)	87.2(2.8)	89.4(2.5)
1986		92.9(0.8)	92.3(1.0)	93.6(1.1)	94.3(0.9)	86.9(1.5)	90.2(2.6)
1982		93.7(0.8)	93.6(1.2)	93.9(1.1)	94.8(0.7)	86.5(2.6)	95.3(2.1)
1978		91.5(0.7)	90.1(1.0)	92.9(0.8)	93.8(0.6)	80.6(2.5)	85.4(2.5)
Find percent given numbers		1996	60.2(1.4)	68.7(1.8)	52.4(2.0)	66.5(1.7)	43.3(2.8)
	1994	58.4(1.7)	66.7(2.1)	49.7(2.5)	63.8(2.0)	37.9(4.3)	44.8(3.7)
	1992	55.6(1.5)	62.1(1.6)	49.6(2.3)	60.3(1.6)	39.8(3.7)	46.9(4.5)
	1990	49.0(1.9)	56.7(2.2)	40.8(2.3)	54.5(2.0)	29.4(3.4)	42.4(3.3)
	1986	47.8(1.8)	55.4(2.6)	40.2(2.4)	53.1(2.0)	23.7(1.9)	37.3(5.1)
	1982	50.8(1.8)	55.6(2.1)	45.6(2.0)	56.1(1.6)	25.8(3.1)	40.0(3.1)
Find percent of number	1996	39.8(1.2)	43.0(1.8)	37.0(1.8)	42.6(1.2)	30.4(2.8)	31.7(3.0)
	1994	41.5(1.4)	45.9(2.2)	36.9(1.3)	45.7(1.5)	21.8(2.5)	38.1(3.4)
	1992	36.6(1.5)	42.4(2.1)	31.3(1.8)	40.1(1.7)	26.2(2.2)	27.0(4.3)
	1990	35.7(1.5)	39.3(1.9)	31.9(1.6)	38.8(1.8)	25.4(2.6)	27.2(3.5)
	1986	33.1(2.2)	36.2(2.6)	30.1(2.1)	35.1(2.6)	25.5(3.6)	24.4(3.8)
	1982	32.8(1.3)	36.1(1.6)	29.4(2.2)	34.0(1.6)	26.0(3.6)	29.2(3.1)

(***) STANDARD ERROR ESTIMATE IS GREATER THAN 9.9

ITEM DESCRIPTION	YEAR	NATION	MALE	FEMALE	WHITE	BLACK	HISPANIC
Find percent greater than 100	1996	33.1(1.8)	39.2(2.2)	27.5(2.2)	37.3(2.3)	21.1(3.5)	19.5(2.7)
	1994	37.5(1.8)	40.7(2.0)	34.1(2.7)	41.4(2.2)	20.8(3.1)	29.5(3.7)
	1992	34.3(1.2)	39.8(1.4)	29.2(1.7)	37.6(1.4)	25.2(3.4)	20.7(2.4)
	1990	31.9(1.9)	37.0(2.4)	26.5(2.0)	35.1(2.2)	22.7(3.0)	22.0(3.6)
	1986	30.3(1.4)	36.4(1.8)	24.2(2.3)	32.8(1.7)	19.6(2.2)	21.6(4.7)
	1982	29.0(1.7)	33.4(2.0)	24.3(2.1)	31.4(1.8)	17.0(3.4)	22.3(3.3)
	Find percent given numbers	1996	30.8(1.2)	37.1(1.6)	24.8(1.6)	34.2(1.6)	17.9(2.5)
1994		30.8(1.7)	35.8(2.0)	26.0(2.0)	34.4(1.9)	17.7(5.6)	23.9(2.5)
1992		29.0(1.5)	33.0(1.9)	24.7(1.8)	32.5(1.7)	16.9(1.8)	19.3(3.4)
1990		24.4(1.2)	28.6(1.5)	20.4(1.4)	27.5(1.3)	11.4(2.2)	18.9(4.4)
1986		25.6(1.6)	28.6(1.8)	22.5(3.9)	27.7(2.0)	17.3(2.4)	17.2(3.0)
1982		22.6(1.2)	26.7(1.8)	18.2(1.6)	24.1(1.4)	15.3(3.3)	18.0(2.1)
Find percent given numbers		1996	52.8(2.0)	61.2(2.0)	44.6(2.9)	60.8(1.5)	24.8(3.2)
	1994	52.7(1.9)	59.6(2.1)	46.6(2.5)	58.5(2.0)	31.5(6.2)	41.2(4.9)
	1992	49.0(1.8)	53.8(2.0)	44.1(2.3)	54.4(1.9)	25.3(3.4)	35.3(4.9)
	1990	46.0(1.7)	50.9(1.6)	41.3(2.2)	52.1(1.7)	23.4(3.6)	33.3(5.0)
	1986	38.9(1.8)	42.7(2.2)	35.1(3.0)	43.2(2.1)	16.8(2.7)	28.4(3.2)
	1982	41.2(2.3)	46.1(3.3)	36.0(2.3)	46.0(1.9)	20.9(4.4)	26.0(3.6)
	Find percent of number	1996	43.6(1.7)	49.5(2.0)	38.0(2.1)	48.0(1.7)	25.3(4.0)
1994		42.3(2.0)	44.3(2.3)	40.5(2.9)	44.0(1.6)	38.4(8.8)	30.5(4.0)
1992		41.0(1.4)	42.9(1.9)	39.1(1.8)	44.1(1.7)	25.2(3.1)	29.5(4.7)
1990		34.5(1.4)	38.1(1.6)	31.0(1.8)	37.0(1.5)	21.1(2.8)	27.8(3.5)
1986		33.4(1.1)	37.9(1.7)	29.0(1.5)	34.8(1.4)	24.7(2.4)	30.9(4.2)
1982		32.8(1.4)	32.5(2.0)	33.2(1.6)	34.7(1.6)	24.7(4.0)	21.2(5.1)
Find percent greater than 100		1996	35.2(1.6)	40.1(1.9)	30.6(2.1)	39.2(1.7)	20.1(2.4)
	1994	34.5(1.4)	36.9(1.9)	32.4(1.8)	36.7(1.7)	29.3(5.7)	20.9(3.1)
	1992	34.6(1.5)	36.7(1.8)	32.5(1.9)	37.2(1.6)	19.3(2.8)	28.1(4.2)
	1990	29.1(1.3)	33.3(1.7)	25.0(1.7)	31.4(1.6)	19.0(3.0)	23.7(3.0)
	1986	27.7(1.0)	30.1(1.6)	25.5(1.8)	29.0(1.4)	19.2(1.9)	21.7(3.7)
	1982	26.5(1.4)	29.4(2.1)	23.5(1.7)	28.1(1.6)	18.9(3.1)	22.0(2.9)
	Find percent given numbers	1996	32.9(1.6)	35.7(2.6)	30.3(2.6)	37.3(2.0)	15.6(2.3)
1994		31.9(1.3)	33.3(1.9)	30.7(1.5)	35.2(1.7)	20.2(3.7)	24.5(6.0)
1992		32.5(1.4)	35.0(1.7)	30.0(2.0)	34.0(1.6)	24.1(3.0)	27.3(4.5)
1990		24.9(1.2)	26.6(1.7)	23.3(1.2)	26.3(1.3)	17.0(2.9)	20.6(3.4)
1986		24.0(2.0)	25.1(1.5)	23.0(3.0)	24.8(2.5)	17.0(2.4)	23.4(2.8)
1982		24.0(1.3)	24.9(2.2)	23.1(1.6)	25.6(1.5)	16.0(3.3)	13.1(2.1)

(***) STANDARD ERROR ESTIMATE IS GREATER THAN 9.9

ITEM DESCRIPTION	YEAR	NATION	MALE	FEMALE	WHITE	BLACK	HISPANIC
Find number given percent	1996	29.7(1.8)	32.9(2.0)	26.7(2.1)	33.1(2.2)	17.9(2.6)	23.4(3.5)
	1994	32.6(1.3)	33.8(1.7)	31.5(1.9)	34.4(1.7)	25.0(2.3)	26.9(4.6)
	1992	31.8(1.5)	30.8(1.5)	32.7(2.1)	33.6(1.8)	23.1(2.7)	24.3(3.0)
	1990	26.2(1.2)	26.2(1.4)	26.1(1.7)	27.7(1.4)	17.5(2.1)	23.6(2.8)
	1986	24.6(1.3)	24.8(2.0)	24.5(1.8)	25.0(1.6)	20.8(2.4)	25.3(3.3)
	1982	20.8(1.0)	20.0(1.3)	21.6(1.9)	21.5(1.1)	17.9(1.8)	19.2(5.2)
	1978						
Subtract decimals	1996	85.9(1.0)	85.7(1.4)	86.1(1.3)	87.8(1.3)	78.0(2.6)	83.1(3.4)
	1994	84.8(0.8)	84.8(1.4)	84.8(1.1)	87.2(0.9)	75.1(2.7)	80.6(4.0)
	1992	85.4(1.0)	84.2(1.5)	86.6(1.1)	87.7(1.1)	74.9(3.8)	80.4(2.8)
	1990	86.3(0.8)	86.2(1.3)	86.4(1.1)	88.4(0.7)	79.6(3.0)	82.8(4.0)
	1986	82.6(0.9)	82.6(1.5)	82.7(1.7)	85.3(1.1)	69.9(3.8)	77.9(2.8)
	1982	77.0(2.1)	73.3(3.8)	80.9(1.5)	81.0(2.1)	54.4(***)	75.1(3.9)
	1978	80.1(1.3)	80.0(1.6)	80.3(1.5)	83.6(1.2)	61.8(4.3)	74.0(4.2)
Divide decimals	1996	60.8(2.1)	57.0(2.7)	64.7(2.2)	65.2(2.1)	45.0(3.9)	51.8(6.9)
	1994	60.8(1.7)	54.0(2.0)	67.0(2.1)	66.9(1.6)	41.5(8.1)	43.6(3.8)
	1992	61.0(2.0)	55.7(2.2)	66.2(2.4)	65.6(2.1)	37.6(4.0)	55.5(4.3)
	1990	56.9(1.3)	52.0(1.7)	61.7(1.8)	60.4(1.5)	45.1(3.7)	45.0(3.6)
	1986	52.4(2.2)	47.9(1.9)	56.9(3.3)	58.1(2.6)	28.5(2.9)	37.2(4.1)
	1982	44.1(1.9)	39.9(2.6)	48.5(2.3)	49.7(2.0)	20.5(4.5)	24.5(3.9)
	1978	54.5(1.9)	50.0(2.1)	58.9(2.3)	59.2(1.8)	28.6(3.8)	46.6(5.8)
Add decimals	1996	78.9(1.6)	73.9(2.2)	83.7(1.4)	81.5(1.6)	67.2(4.2)	76.9(4.8)
	1994	78.9(1.6)	74.7(2.0)	82.7(1.8)	81.7(1.7)	70.2(6.0)	70.5(4.1)
	1992	80.5(1.4)	77.6(1.9)	83.4(1.6)	84.1(1.4)	62.2(3.5)	77.6(4.6)
	1990	79.5(1.0)	73.3(1.3)	85.3(1.3)	82.2(1.1)	67.4(3.9)	74.6(3.3)
	1986	74.1(1.4)	69.1(2.0)	79.0(2.0)	77.8(1.6)	55.6(3.2)	66.1(3.3)
	1982	72.5(2.1)	67.2(3.2)	78.2(2.1)	77.8(1.7)	48.8(6.4)	59.7(5.1)
	1978	76.8(1.7)	72.8(2.1)	80.7(1.8)	79.8(1.8)	59.8(4.0)	74.5(3.4)
Divide decimals	1996	68.0(1.7)	63.7(2.3)	72.2(1.8)	71.6(1.9)	52.2(3.7)	66.1(2.9)
	1994	66.4(1.7)	63.0(1.9)	69.4(2.0)	70.1(1.7)	52.6(6.4)	60.8(5.4)
	1992	63.6(1.9)	60.3(2.3)	66.8(2.2)	67.1(1.9)	44.3(4.3)	61.3(4.6)
	1990	61.8(1.3)	55.9(1.4)	67.5(1.8)	64.9(1.5)	50.6(3.7)	49.7(3.6)
	1986	58.0(2.2)	53.3(2.4)	62.7(2.4)	63.2(2.7)	34.4(3.9)	48.8(4.8)
	1982	58.0(1.7)	50.0(2.0)	66.4(2.3)	61.6(1.7)	39.3(3.9)	56.8(7.3)
	1978	64.0(1.8)	58.5(2.4)	69.4(2.0)	67.1(1.8)	44.5(3.8)	65.2(4.1)
Subtract decimals	1996	60.9(1.8)	54.2(2.9)	67.3(1.6)	63.4(2.3)	48.6(4.4)	57.5(4.5)
	1994	63.6(2.1)	59.6(2.4)	67.2(2.3)	66.5(2.3)	52.0(7.1)	58.6(6.5)
	1992	56.2(1.9)	50.9(2.3)	61.6(2.1)	59.0(2.1)	46.6(4.0)	41.8(4.6)
	1990	57.4(1.8)	49.8(1.8)	64.8(2.4)	59.7(2.1)	50.4(4.0)	48.5(4.0)
	1986	51.3(3.0)	45.7(3.0)	56.9(3.3)	55.2(3.7)	34.1(3.9)	40.4(5.8)
	1982	40.1(1.6)	30.9(1.6)	49.7(2.3)	43.6(1.5)	23.1(3.9)	32.4(5.5)
	1978	43.9(1.6)	38.1(2.2)	49.6(2.1)	47.2(1.5)	28.5(3.5)	32.6(3.7)

(***) STANDARD ERROR ESTIMATE IS GREATER THAN 9.9

ITEM DESCRIPTION	YEAR	NATION	MALE	FEMALE	WHITE	BLACK	HISPANIC
Divide decimals	1996	47.0(1.8)	41.5(2.4)	52.3(2.1)	48.9(2.2)	35.0(4.2)	47.2(4.1)
	1994	47.6(2.1)	42.8(2.3)	52.0(2.6)	49.7(1.9)	38.9(6.9)	43.4(6.1)
	1992	42.8(1.7)	39.8(1.8)	45.8(2.4)	44.7(2.0)	32.9(3.8)	36.3(3.6)
	1990	43.4(1.7)	38.3(2.0)	48.3(2.1)	46.1(2.1)	33.5(2.5)	30.5(3.6)
	1986	37.1(2.5)	32.4(3.1)	41.6(2.3)	40.3(2.9)	24.1(3.7)	26.9(4.3)
	1982	29.9(1.4)	21.2(1.8)	39.2(1.8)	31.6(1.5)	21.8(4.9)	25.2(2.8)
	1978	41.8(1.8)	36.0(1.9)	47.4(2.3)	45.0(2.0)	26.0(4.5)	32.2(2.7)
	Estimate total cost	1996	24.1(1.3)	27.2(2.1)	21.4(1.1)	24.5(1.5)	23.6(2.6)
1994		24.0(1.3)	27.8(2.0)	20.0(1.4)	24.8(1.6)	15.3(2.4)	27.3(5.1)
1992		24.7(1.0)	28.5(1.5)	21.3(1.2)	26.9(1.3)	18.9(2.4)	18.8(2.8)
1990		22.9(1.3)	25.1(1.8)	20.5(1.5)	24.4(1.5)	20.3(2.8)	15.0(2.7)
1986		23.6(1.4)	27.1(2.5)	20.1(1.5)	25.0(1.8)	15.1(1.6)	24.3(2.4)
1982		19.3(1.2)	20.5(1.6)	18.1(1.6)	21.3(1.5)	11.6(2.0)	9.4(3.9)
Identify even number		1996	95.9(0.6)	95.2(1.0)	96.5(0.6)	97.6(0.5)	89.1(2.0)
	1994	95.6(0.7)	95.0(0.7)	96.1(1.0)	96.8(0.5)	89.8(3.0)	96.2(1.9)
	1992	96.7(0.5)	96.9(0.7)	96.5(0.6)	98.0(0.5)	93.5(1.6)	89.6(2.1)
	1990	96.2(0.4)	95.7(0.6)	96.6(0.6)	97.1(0.3)	93.8(2.0)	89.9(1.6)
	1986	95.3(0.8)	94.6(0.9)	96.0(1.0)	96.5(0.9)	91.0(1.4)	90.7(3.3)
	1982	95.9(0.6)	95.9(0.7)	95.9(0.9)	97.4(0.6)	90.7(2.0)	87.0(5.4)
	1978	92.9(0.8)	93.0(1.0)	92.8(1.0)	95.4(0.6)	81.8(2.1)	83.5(2.9)
	Identify even number property	1996	51.1(1.3)	53.3(1.6)	49.2(1.7)	55.3(1.8)	39.6(3.5)
1994		53.1(1.4)	56.0(2.1)	50.2(2.3)	56.2(1.6)	35.7(3.9)	51.6(5.0)
1992		52.0(1.4)	52.7(1.7)	51.4(2.2)	55.2(1.7)	43.2(2.4)	39.2(3.3)
1990		49.2(1.7)	51.2(2.3)	47.1(2.0)	53.3(2.1)	35.8(3.2)	38.8(3.2)
1986		48.5(1.8)	51.7(2.4)	45.3(1.6)	51.0(2.1)	35.6(3.9)	44.0(2.4)
1982		58.4(1.8)	58.2(2.0)	58.5(2.1)	60.9(2.1)	45.2(2.8)	53.8(6.8)
1978		54.6(1.6)	52.6(2.1)	56.5(2.1)	58.3(1.8)	37.8(3.0)	40.7(3.5)
Identify even number property		1996	76.0(1.2)	74.7(1.3)	77.3(1.7)	81.2(1.2)	62.7(3.6)
	1994	72.9(1.6)	70.1(2.0)	75.5(1.9)	76.6(1.7)	61.8(6.7)	59.4(4.1)
	1992	72.6(1.6)	71.6(1.7)	73.6(2.1)	76.2(1.3)	58.4(4.6)	64.6(3.7)
	1990	72.0(1.5)	70.0(1.6)	73.9(2.0)	76.8(1.4)	54.8(4.8)	61.8(3.6)
	1986	70.1(1.1)	68.8(1.7)	71.5(2.2)	72.9(1.4)	59.0(4.2)	60.8(3.8)
	1982	76.8(1.4)	75.1(2.1)	78.5(1.8)	80.8(1.2)	60.6(4.0)	61.5(4.9)
	1978	70.9(1.6)	68.4(2.1)	73.4(1.8)	75.7(1.5)	48.4(3.7)	55.8(4.2)
	Understand percent less than 1	1996	31.2(1.9)	34.1(2.6)	28.5(2.2)	32.7(2.1)	18.8(2.2)
1994		28.5(1.5)	28.3(1.9)	28.8(1.8)	32.8(1.9)	16.6(2.2)	13.8(3.4)
1992		25.0(1.3)	26.5(1.6)	23.4(1.7)	26.9(1.6)	16.7(2.3)	18.9(3.5)
1990		23.3(1.1)	25.9(1.4)	20.8(1.4)	24.3(1.3)	20.5(2.3)	17.1(2.2)
1986		22.5(1.4)	22.4(1.3)	22.6(2.0)	24.1(1.7)	13.5(2.2)	21.2(2.8)
1982		17.1(1.1)	16.7(1.7)	17.4(1.9)	17.6(1.3)	15.0(2.8)	12.3(3.5)
1978		19.0(1.2)	19.2(1.5)	18.8(1.5)	19.6(1.4)	15.4(2.1)	16.9(2.7)

(***) STANDARD ERROR ESTIMATE IS GREATER THAN 9.9

ITEM DESCRIPTION	YEAR	NATION	MALE	FEMALE	WHITE	BLACK	HISPANIC
Identify expected value	1996	60.3(1.6)	63.9(2.2)	57.1(1.9)	66.7(1.8)	41.9(3.8)	49.8(2.6)
	1994	64.0(1.8)	69.3(2.0)	58.5(1.9)	68.4(2.0)	48.9(4.0)	51.2(4.9)
	1992	60.6(1.3)	65.6(1.6)	56.0(2.0)	66.1(1.6)	44.4(2.4)	46.6(4.4)
	1990	57.4(1.6)	62.4(1.9)	52.2(2.1)	63.1(1.7)	34.8(3.7)	48.7(3.5)
	1986	54.9(1.9)	59.1(2.0)	50.8(3.5)	58.9(2.5)	38.8(2.5)	46.0(3.2)
	1982	65.6(1.8)	69.8(2.3)	61.3(2.2)	69.3(1.9)	46.2(3.3)	62.5(2.8)
	1978	64.8(1.3)	69.2(1.3)	60.4(2.1)	68.2(1.6)	51.8(2.4)	49.8(2.9)
	Identify number sentence	1996	78.4(1.0)	77.9(1.6)	78.8(1.3)	82.4(1.2)	61.8(2.9)
1994		79.1(1.5)	79.8(2.2)	78.4(1.6)	83.2(1.4)	66.5(3.1)	68.8(3.7)
1992		77.9(1.1)	76.4(2.0)	79.6(1.2)	81.3(1.3)	63.2(2.7)	75.1(3.3)
1990		78.4(1.0)	77.0(1.4)	79.7(1.4)	81.1(1.1)	68.1(3.0)	68.3(2.4)
1986		75.7(2.3)	77.3(2.1)	74.1(3.1)	78.5(2.7)	64.4(3.6)	67.7(4.4)
1982		80.4(1.1)	79.8(1.8)	81.1(1.3)	84.9(1.0)	56.7(2.8)	73.7(3.9)
1978		81.5(1.1)	81.5(1.3)	81.5(1.3)	85.4(1.0)	64.9(2.8)	65.1(4.0)
Understand decimal place value		1996	49.6(1.6)	52.2(1.8)	47.2(2.1)	55.6(2.1)	25.9(3.0)
	1994	48.9(1.6)	52.2(2.3)	45.8(1.8)	55.6(1.7)	25.2(3.3)	32.6(2.0)
	1992	48.0(1.6)	49.9(2.1)	46.0(1.6)	53.3(2.0)	26.5(2.9)	40.0(3.7)
	1990	44.2(1.6)	47.3(1.8)	41.2(2.2)	48.9(1.8)	25.3(3.3)	29.0(4.0)
	1986	40.5(1.9)	42.2(1.6)	38.8(3.7)	44.3(2.1)	22.2(2.7)	32.5(4.6)
	1982	46.6(2.2)	46.3(2.7)	47.0(2.3)	52.4(2.6)	21.1(2.9)	24.7(3.3)
	1978	37.4(1.5)	39.2(1.7)	35.7(2.0)	40.9(1.7)	20.6(2.0)	22.8(4.7)
	Divide integers	1996	38.2(1.9)	37.7(2.4)	38.7(2.4)	40.4(2.2)	31.2(3.5)
1994		34.6(2.0)	32.7(2.3)	36.4(2.0)	36.3(2.2)	28.1(3.9)	25.4(3.0)
1992		30.2(1.8)	28.4(2.0)	32.2(2.1)	30.1(2.2)	28.3(2.2)	33.7(4.3)
1990		30.4(1.6)	25.5(1.6)	35.2(2.3)	30.3(2.0)	29.8(3.6)	28.2(3.1)
1986		28.5(2.8)	27.7(2.4)	29.4(3.8)	29.8(3.3)	25.4(3.6)	15.9(4.1)
1982		30.0(1.7)	27.8(2.1)	32.3(2.2)	31.8(2.1)	23.1(3.0)	19.1(2.7)
1978		30.2(2.1)	27.4(2.1)	33.0(2.6)	33.0(2.4)	17.3(2.9)	18.8(2.5)
Divide integers		1996	28.6(2.2)	27.6(2.4)	29.6(2.5)	30.7(2.5)	22.0(2.8)
	1994	28.9(2.0)	29.9(2.5)	27.9(2.1)	30.2(2.2)	18.4(1.7)	20.8(3.8)
	1992	25.2(1.5)	22.2(1.5)	28.0(2.1)	25.5(1.6)	23.8(2.8)	20.2(3.2)
	1990	23.2(2.1)	21.6(2.5)	24.9(2.0)	24.4(2.3)	20.8(4.3)	16.0(2.6)
	1986	21.8(2.3)	20.5(2.2)	23.0(3.0)	23.9(2.7)	13.7(2.2)	7.7(1.9)
	1982	26.9(1.7)	24.7(2.1)	29.1(2.4)	28.6(1.9)	19.9(3.3)	16.8(3.9)
	1978	28.5(1.9)	26.2(2.3)	30.8(2.2)	30.6(2.2)	21.6(3.3)	15.8(6.9)
	Convert fraction to decimal	1996	56.9(1.6)	55.6(2.0)	58.0(2.2)	61.3(2.1)	45.8(3.2)
1994		59.9(1.9)	57.2(2.1)	62.6(2.7)	64.7(1.5)	38.8(5.8)	46.5(3.8)
1992		59.3(1.8)	58.2(1.9)	60.3(2.4)	63.2(2.2)	46.2(3.7)	45.8(3.9)
1990		61.4(2.0)	60.4(2.7)	62.4(1.8)	66.8(1.9)	44.0(6.2)	47.8(4.5)
1986		59.3(1.6)	57.3(2.0)	61.3(1.7)	62.6(2.1)	44.6(3.9)	53.6(6.5)
1982		62.9(2.3)	60.3(2.7)	65.5(2.6)	66.9(2.8)	41.5(3.8)	53.6(5.9)
1978		54.7(2.1)	53.6(2.4)	55.7(2.6)	61.0(2.1)	27.8(3.4)	29.5(5.7)

(***) STANDARD ERROR ESTIMATE IS GREATER THAN 9.9

ITEM DESCRIPTION	YEAR	NATION	MALE	FEMALE	WHITE	BLACK	HISPANIC
Convert fraction to decimal	1996	60.5(1.5)	59.8(1.6)	61.2(2.2)	65.5(1.8)	47.6(3.5)	45.8(6.1)
	1994	62.1(1.8)	60.2(1.7)	64.1(2.7)	67.4(1.3)	38.9(4.2)	47.1(4.5)
	1992	63.3(1.7)	62.5(1.9)	64.0(2.1)	67.7(2.0)	50.3(3.0)	48.9(5.1)
	1990	62.0(1.7)	61.9(2.5)	62.1(1.6)	67.0(1.8)	44.7(4.9)	54.0(4.2)
	1986	62.5(1.6)	59.7(2.2)	65.2(2.1)	67.4(2.2)	42.1(3.2)	49.0(4.9)
	1982	68.4(2.0)	64.5(2.5)	72.3(2.4)	72.5(2.3)	45.2(3.8)	65.8(5.6)
	1978	54.3(1.9)	53.4(2.1)	55.2(2.3)	59.8(1.8)	28.0(3.3)	37.3(5.4)
Convert fraction to decimal	1996	30.7(1.3)	34.0(1.7)	27.8(1.7)	35.0(1.7)	18.1(2.9)	19.9(2.8)
	1994	35.2(1.8)	39.3(3.2)	31.0(1.6)	39.5(2.1)	16.8(2.5)	23.5(3.9)
	1992	33.2(1.3)	35.2(1.5)	31.4(1.9)	37.8(1.6)	18.3(3.0)	20.5(3.0)
	1990	33.0(2.0)	35.0(2.8)	30.8(1.7)	38.1(2.1)	13.6(3.5)	23.7(4.0)
	1986	34.3(1.3)	35.6(1.8)	33.0(2.0)	38.1(1.8)	17.8(2.1)	22.5(3.2)
	1982	40.2(1.6)	40.4(2.5)	40.0(2.0)	44.5(2.0)	18.5(3.5)	28.9(4.8)
	1978	40.2(2.0)	41.4(2.0)	39.0(2.8)	45.9(2.0)	12.8(2.2)	23.0(4.9)

(***) STANDARD ERROR ESTIMATE IS GREATER THAN 9.9